

Leader region

SCH94.03
CH12
germline Vx10

CDR1

	10					20					30																
	T	S	S	L	S	A	S	L	G	D	R	V	T	I	S	C	R	A	S	Q	D	I	S	N	Y	L	N
5CH94.03	ACA	TCC	TCC	CTG	TCT	GCC	TCT	CTG	GGA	GAC	AGA	GTC	ACC	ATC	AGT	TGC	AGG	GCA	AGT	CAG	GAC	ATT	AGC	AAAT	TAAT	TTA	AAC
CH12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
germline Vx10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CDR2

[illegible][illegible]

CDR3

J region

CK

[illegible]

JK1

NK-1
73

	D	C	G	S	R	G	100
--T--	---	---	---	---	---	---	
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	GAC	TAC	GGT	AGT	AGG	GGG	

[illegible][illegible][illegible][illegible][illegible]

Leader Peptide

CDRI

CDR2

CDR3

CDR3

J region

	100														
T	T	T	L	T	F	G	A	G	T	K	L	E	L	K	R
CTC	ACG	TTC	GGT	GCT	GGG	ACC	AAG	CTG	GAG	CTG	AAA	CGG	GAT	GCT	TCA

germline Jx5
A2B5

FIG. 29

ebvHlgMs Characterized by Binding to SCH via ELISA

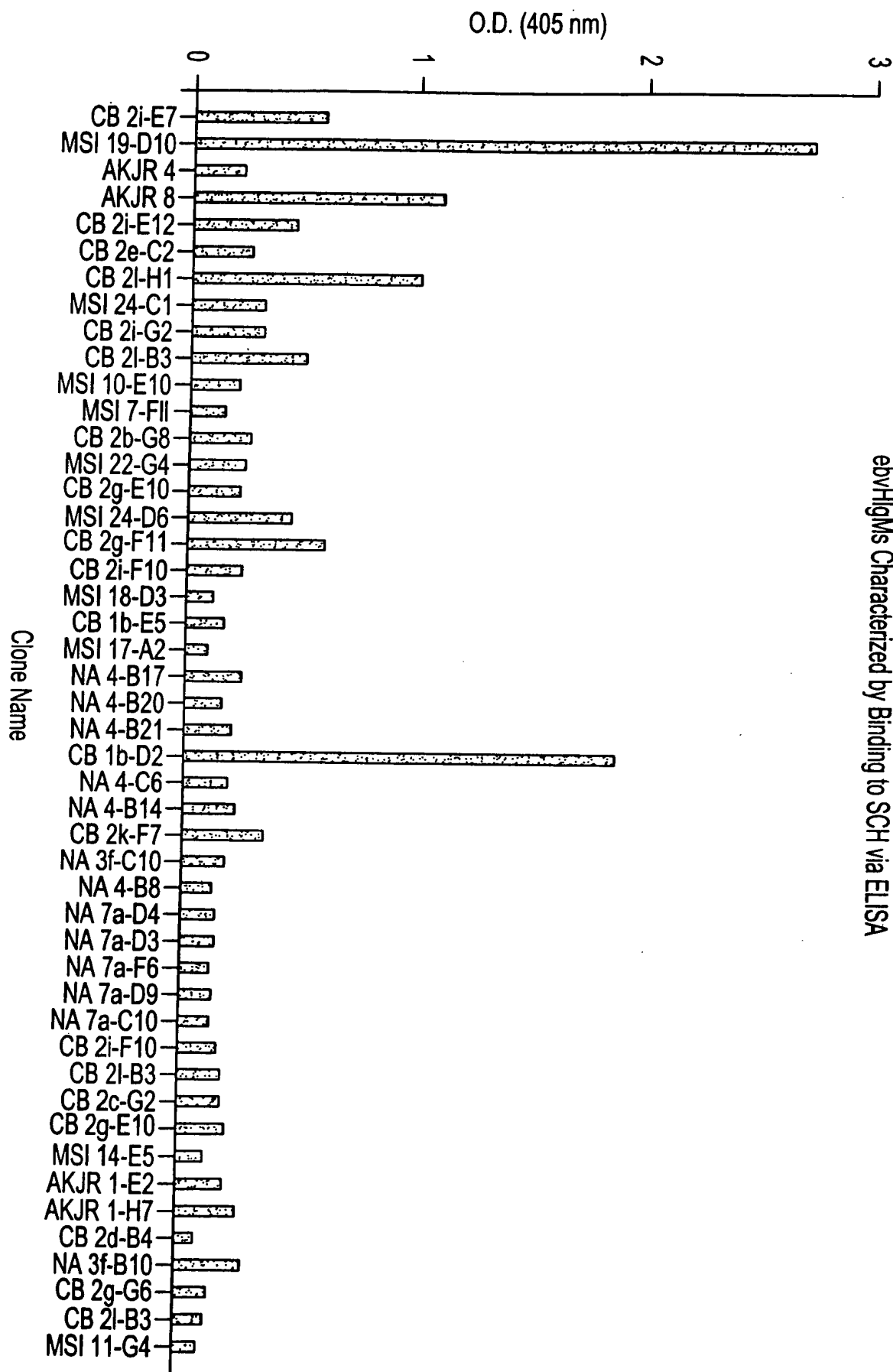
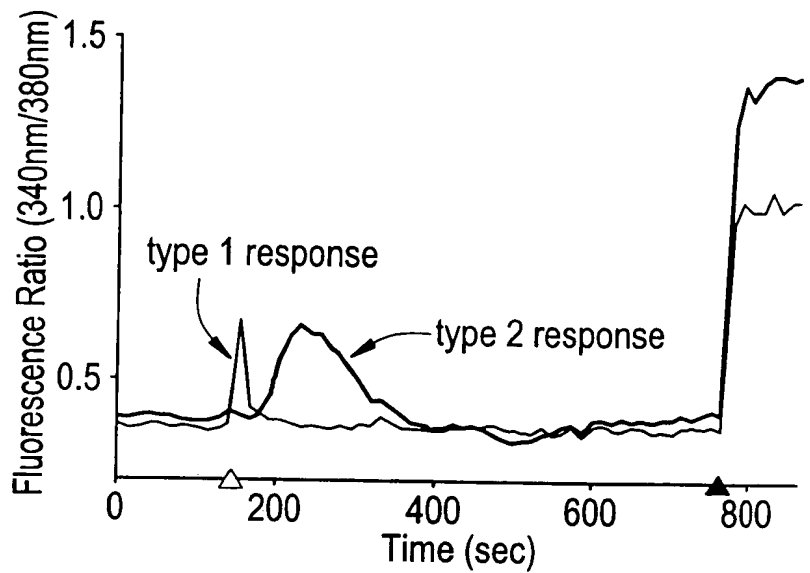


FIG. 39A

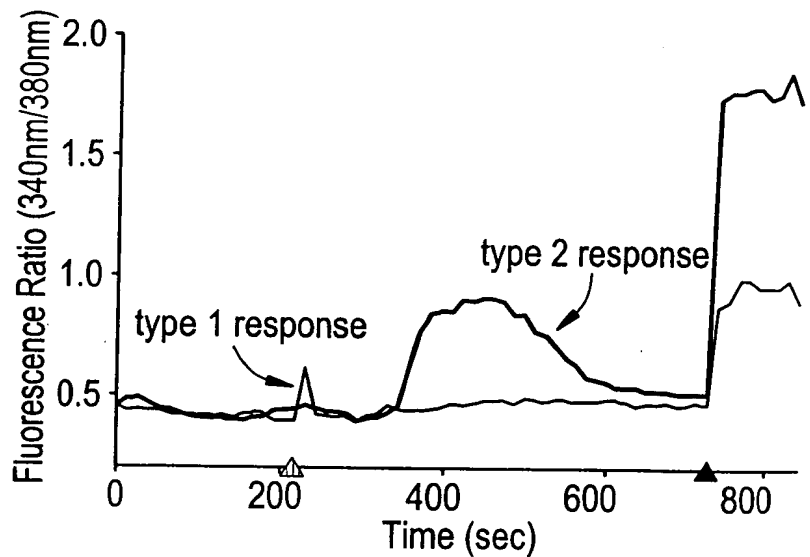
Mixed Primary Glia
sH-IgM.22 Ca^{2+} response

- ratio cell #1
- ratio cell #2
- △ sH-IgM.22 ($3\mu\text{g/ml}$)
- ▲ Br-A23187 ($10\mu\text{M}$)

**FIG. 39B**

Mixed Primary Glia
SCH 94.03 Ca^{2+} response

- ratio cell #1
- ratio cell #2
- △ SCH 94.03 ($3\mu\text{g/ml}$)
- ▲ Br-A23187 ($10\mu\text{M}$)

**FIG. 39C**

Mixed Primary Glia
CH 12/sH-IgM.14 Ca^{2+} response

- ratio cell #1
- ratio cell #2
- △ CH 12 ($3\mu\text{g/ml}$)
- △ sH-IgM.14 ($3\mu\text{g/ml}$)
- ▲ Br-A23187 ($10\mu\text{M}$)

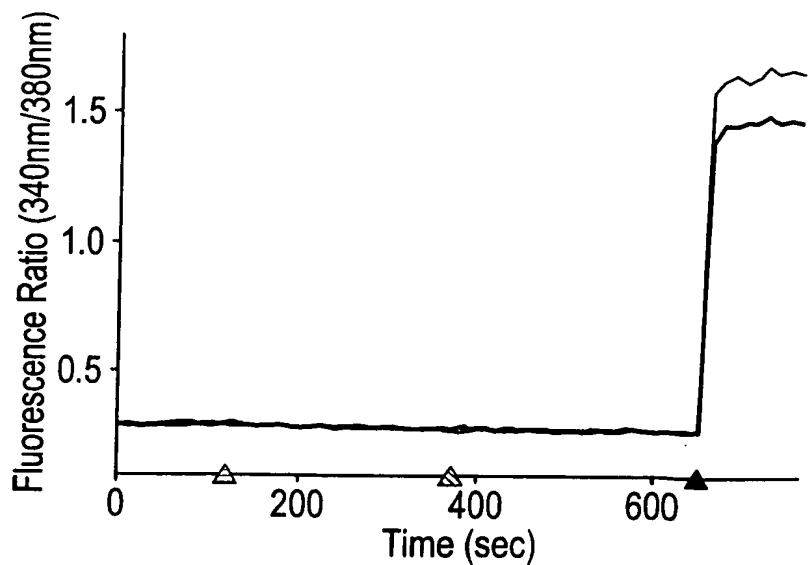


FIG. 72

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<----- F R 1 - I M G T ----->
1  D I V M T Q S P D S L A V S L G E R A T I N
   GAC ATC GTG ATG ACC CAG TCT CCA GAC TCC CTG GCT GTG TCT CTG GGC GAG AGG GCC ACC ATC AAC
----->
      5      10      15      20
      CDR1 - IMGT
25  C K S S Q S V L Y S S N K N Y L A W Y Q Q
   TGC AAG TCC AGC CAG AGT GTT TTA TAC AGC TCC AAC AAT AAG AAC TAC TTA GCT TGG TAC CAG CAG
   F R 2 - I M G T ----->
      30      35      40
      CDR2 - IMGT
45  K P G Q P P K L L I Y W A S
   AAA CCA GGA CAG CCT CCT AAA CTA CTC ATT TAC TGG GCA TCT ... .. ACC
   CDR3 - IMGT
      55      60      65
      F R 3 - I M G T ----->
70  R E S G V P D R F S G S G
   CGG GAA TCC GGG GTC CCT ... GAC CGA TTC AGT GGC AGC GGC ... TCT GGG ACA GAT TTC ACT
----->
      75      80      85
      CDR3 - IMGT
90  L T I S S L Q A E D V A V Y Y C Q Q Y Y N T
   CTC ACC ATC AGC AGC CTG CAG GCT GAA GAT GTG GCA GTT TAT TAC TGT CAG CAA TAT TAT AAT ACT
      95      100      105
      CDR3 - IMGT
115 P Q A F G Q G T K V E I K R T V A A P S V F
   CCT CAG GCG TTC GGC CAA GGG ACC AAG GTG GAA ATC AAA CGA ACT GTG GCT GCA CCA TCT GTC TTC
      120      125      130

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